

WHAT IS CLAIMED IS:

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By
1. A viewfinder control unit for controlling a  
viewfinder for showing an image output from a  
5 television camera, said viewfinder control unit  
comprising:  
detecting means for detecting a particular color  
portion of a television camera operator; and  
driving means for training said viewfinder on a  
10 face of the television camera operator in response to  
a detection output from said detecting means.
2. The viewfinder control unit as claimed in claim  
1, wherein said detecting means comprises a miniature  
15 camera for sensor application attached to said  
viewfinder, and detects the particular color portion  
of the television camera operator from an output of said  
miniature camera for sensor application.
- 20 3. The viewfinder control unit as claimed in claim  
2, wherein said detecting means detects a flesh color  
portion on the face of the television camera operator  
as the particular color portion.
- 25 4. The viewfinder control unit as claimed in claim  
1, wherein said viewfinder consists of a liquid crystal  
display.

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5. The viewfinder control unit as claimed in claim 2, wherein said miniature camera for sensor application is rotatably attached to said viewfinder to make panning and/or tilting possible for capturing an accessory worn on the television camera operator.

6. The viewfinder control unit as claimed in claim 5, wherein the accessory to be captured by said miniature camera for sensor application consists of a weakly luminous object worn on the television camera operator.

7. The viewfinder control unit as claimed in claim 1, further comprising:

storing means for storing information on a preset position of said viewfinder; and

preset control means for returning said viewfinder to the preset position in accordance with the information on the preset position stored in said storing means.

8. The viewfinder control unit as claimed in claim 2, wherein said miniature camera for sensor application is used as an image pickup device of a videophone, and said viewfinder is used as a display unit of the videophone.

A  
9. A television camera comprising the viewfinder control unit as claimed in ~~any one of claims 1-8~~, such that the viewfinder is always trained on the face of the television camera operator independently of panning and/or tilting of said television camera.

10. A viewfinder control unit attached to a television camera, said viewfinder control unit comprising:

10 detecting means for detecting a particular color portion of a television camera operator;

calculation means for calculating a central position of the particular color portion; and

15 driving means for driving a motor for panning and/or tilting said viewfinder in response to the central position calculated.

11. The viewfinder control unit as claimed in claim 10, wherein said detecting means comprises a miniature camera for sensor application attached to said viewfinder, and detects the particular color portion of the television camera operator from an output of said miniature camera for sensor application.

25 12. The viewfinder control unit as claimed in claim 11, wherein said detecting means detects a flesh color portion on the face of the television camera operator

as the particular color portion.

13. The viewfinder control unit as claimed in claim  
10, wherein said viewfinder consists of a liquid  
5 crystal display.

14. The viewfinder control unit as claimed in claim  
11, wherein said miniature camera for sensor  
application is rotatably attached to said viewfinder  
10 to make panning and/or tilting possible for capturing  
an accessory worn on the television camera operator.

15. The viewfinder control unit as claimed in claim  
14, wherein the accessory to be captured by said  
15 miniature camera for sensor application consists of a  
weakly luminous object worn on the television camera  
operator.

16. The viewfinder control unit as claimed in claim  
20 10, further comprising:

storing means for storing information on a preset  
position of said viewfinder; and

preset control means for returning said viewfinder  
to the preset position in accordance with the  
25 information on the preset position stored in said  
storing means.

17. The viewfinder control unit as claimed in claim  
11, wherein said miniature camera for sensor  
application is used as an image pickup device of a  
videophone, and said viewfinder is used as a display  
5 unit of the videophone.

A  
18. A television camera comprising the viewfinder  
control unit as claimed in ~~any one of claims 10-17~~, such  
that the viewfinder is always trained on the face of  
10 the television camera operator independently of  
panning and/or tilting of said television camera.